SEQUENCE LISTING

<110> Urry, Dan

<120> Injectable Implants For Tissue Augmentation and Restoration

<130> BERL-020/04US

<150> US 09/258,723
<151> 1999-02-26

<150> US 60/087155
<151> 1998-05-29

<150> US 60/076297
<151> 1998-02-27

<160> 65

<170> PatentIn version 3.0

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<211> 180
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<213> Artificial Sequence

<400> 1
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ttcccgggag gtgtgccggg tggggttcca ggcggtgtac cgggtggggtt ccgggcggt   120

gttccgggtg gagttccggg tggcgtgccg ggcggttttc caggaagtct tcggatccag   180

<210> 2
<211> 113
<212> DNA
<213> Artificial Sequence

<400> 2
gaggatccag gcgttggggt accgggtgtt ggcgtaccgg gtaaaggtgt cccgggcgtt   60

ggtgtgccgg gtgtaggctt ccgggtttc ggattcccag gcgttggatc cag   113

<210> 3.
<211> 33
<212> DNA
<213> Artificial Sequence

<400> 3
taggggtacc gggtcgtggt gactctccgg gcg   33

<210> 4
<211> 33
<212> DNA
<213> Artificial Sequence

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cgcatcccca tggcccagca ccactgagag gcc   33

<210> 5
<211> 111
<212> DNA
<213> Artificial Sequence

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gaggatccag gcgttggggt accgggtgtt ggcgtaccgg gtgttggtgt cccgggcaaa   60

ggtgtgccgg gtgtaggcgt tccgggtgtg ggagtcccag gcgttggatc c   111

<210> 6
<211> 345
<212> DNA
<213> Artificial Sequence

<400> 6
ggcgttggtg taccgggtgt tggtgtgccg ggtgttggtg ttccgggcgt aggcgtaccg   60

ggcgtaggcg tgccgggcgt aggcgttccg ggcgtgggcg taccgggcgt gggcgtgccg   120

ggtgtgggcg tcccgggtgt aggtgttcca ggcgtagggg taccgggtcg tggtgactct   180

ccgggcgttg gtgtaccggg tgttggtgtg ccgggtgttg gtgttccggg cgtaggcgta   240

ccgggcgtag gcgtgccggg cgtaggcgtt ccgggcgtgg gcgtaccggg cgtgggcgtg   300

ccgggtgtgg gcgtcccggg tgtaggtgtt ccaggcgttg gatcc   345

<210> 7
<211> 463
<212> DNA
<213> Artificial Sequence

<400> 7
ggatccaggc gttggtgtac cgggtgttgg tgtgccgggt gttggtgttc cgggcgtagg   60

cgtaccgggc gtaggcgtgc cgggcgtagg cgttccgggc gtgggcgtac cgggcgtggg   120

cgtgccgggt gtgggcgtcc caggtgtagg cgttccgggt gtgggtgtag ctccgggtgt   180

tggcgttgca ccgggcgtag gtgttgctcc gggcgttggc gtggcgccgg gtgttggtgt   240

tgctccgggt gtaggcgttg ctccgggcgt tggtgttgcc ccaggtgtag gtgtggcacc   300

gggcgttggt gtaccgggtg ttggtgtgcc gggtgttggt gttccgggcg taggcgtacc   360

gggcgtaggc gtgccgggcg taggcgttcc gggcgtgggc gtaccgggcg tgggcgtgcc   420

gggtgtgggc gtcccgggtg taggtgttcc aggcgttgga tcc   463

<210> 8
<211> 111
<212> DNA
<213> Artificial Sequence

<400> 8

gaggatccag gcgttggggt accgggtgtt ggcgtaccgg gtgaaggtgt cccgggcgtt   60

ggtgtgccgg gtgtaggcgt tccgggtgtg ggagtcccag gcgttggatc c   111

<210> 9
<211> 48
<212> PRT
<213> Artificial Sequence

<400> 9

Gly Gly Val Pro Gly Gly Val Pro Gly Gly Val Pro Gly Gly Phe Pro
1   5   10   15

Gly Gly Val Pro Gly Gly Val Pro Gly Gly Val Pro Gly Gly Phe Pro
                20   25   30

Gly Gly Val Pro Gly Gly Val Pro Gly Gly Val Pro Gly Gly Phe Pro
            35   40   45

<210> 10
<211> 30
<212> PRT
<213> Artificial Sequence

<400> 10

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
1   5   10   15

Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro
                20   25   30

<210> 11
<211> 11
<212> PRT
<213> Artificial Sequence

<400> 11

Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly
1   5   10

<210> 12
<211> 30
<212> PRT
<213> Artificial Sequence

<400> 12

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
1   5   10   15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
                20   25   30

<210> 13
<211> 111
<212> PRT
<213> Artificial Sequence

<400> 13

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1   5   10   15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            20   25   30

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        35   40   45

Val Pro Gly Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly
    50   55   60

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
65   70   75   80

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
            85   90   95

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
            100   105   110

<210>   14
<211>   148
<212>   PRT
<213>   Artificial Sequence

<400>   14

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1   5   10   15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            20   25   30

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        35   40   45

Val Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val
    50   55   60

Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro
65   70   75   80

Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val
            85   90   95

Ala Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
        100   105   110

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
        115   120   125

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
    130   135   140

Val Gly Val Pro
145

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<210>   15
<211>   30
<212>   PRT
<213>   Artificial Sequence

<400>   15

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly
1               5                   10                  15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
            20                  25                  30

<210>   16
<211>   4
<212>   PRT
<213>   Artificial Sequence

<400>   16

Val Pro Gly Gly
1

<210>   17
<211>   5
<212>   PRT
<213>   Artificial Sequence

<400>   17

Val Pro Gly Val Gly
1               5

<210>   18
<211>   1255
<212>   PRT
<213>   Artificial Sequence

<400>   18

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1               5                   10                  15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            20                  25                  30

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        35                  40                  45

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    50                  55                  60

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
65                  70                  75                  80

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                85                  90                  95

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            100                 105                 110
```

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        115   120   125

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
        130   135   140

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
145   150   155   160

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                165   170   175

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
        180   185   190

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        195   200   205

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
        210   215   220

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
225   230   235   240

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                245   250   255

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
        260   265   270

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        275   280   285

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
        290   295   300

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
305   310   315   320

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                325   330   335

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
        340   345   350

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        355   360   365

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
        370   375   380

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
385   390   395   400

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                405   410   415

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
        420   425   430

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly

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              435                    440                    445
Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    450             455                460

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
465             470                475                    480

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
            485                490                    495

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            500             505                510

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        515             520                525

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    530             535                540

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
545             550                555                    560

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
            565                570                    575

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            580             585                590

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        595             600                605

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    610             615                620

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
625             630                635                    640

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
            645                650                    655

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            660                665                    670

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        675                680                685

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    690             695                700

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
705             710                715                    720

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
            725                730                    735

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            740                745                    750

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        755                760                765
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Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    770   775   780

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
785   790   795   800

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                805   810   815

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            820   825   830

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        835   840   845

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    850   855   860

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
865   870   875   880

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                885   890   895

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            900   905   910

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        915   920   925

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    930   935   940

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
945   950   955   960

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                965   970   975

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            980   985   990

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        995   1000   1005

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
    1010   1015   1020

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
    1025   1030   1035

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
    1040   1045   1050

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
    1055   1060   1065

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
    1070   1075   1080

```
Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
   1085                1090                 1095

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
   1100                1105                 1110

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
   1115                1120                 1125

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
   1130                1135                 1140

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
   1145                1150                 1155

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
   1160                1165                 1170

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
   1175                1180                 1185

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
   1190                1195                 1200

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
   1205                1210                 1215

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
   1220                1225                 1230

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
   1235                1240                 1245

Val Pro  Gly Val Gly Val Pro
   1250                1255

<210>   19
<211>   5
<212>   PRT
<213>   Artificial Sequence

<220>
<221>   VARIANT
<222>   (4)..(4)
<223>   the residue at posiiton 4 is modified to have an electroresponsiv
        e side chai


<400>   19

Val Pro Gly Xaa Gly
1               5

<210>   20
<211>   5
<212>   PRT
<213>   Artificial Sequence

<400>   20

Gly Val Gly Val Pro
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<210>   21
<211>   166
<212>   PRT
<213>   Artificial Sequence

<400>   21

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
1   5   10   15

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
            20   25   30

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
        35   40   45

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
    50   55   60

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
65   70   75   80

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
                85   90   95

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
            100   105   110

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
        115   120   125

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
    130   135   140

Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro Gly Gly Ala Pro
145   150   155   160

Gly Arg Gly Asp Ser Pro
                165

<210>   22
<211>   25
<212>   PRT
<213>   Artificial Sequence

<400>   22

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1   5   10   15

Val Gly Val Pro Gly Glu Gly Val Pro
            20   25

<210>   23
<211>   100
<212>   PRT
<213>   Artificial Sequence

<400>   23

Gly Ala Gly Gly Ala Thr Cys Cys Gly Ala Ala Gly Ala Cys Ala Ala
1   5   10   15

Cys Ala Gly Gly Thr Gly Gly Thr Gly Thr Thr Cys Cys Gly Gly Gly
            20   25   30

Cys Gly Gly Cys Gly Thr Ala Cys Cys Gly Gly Gly Thr Gly Gly Cys
        35   40   45

Gly Thr Ala Cys Cys Gly Gly Gly Cys Gly Gly Thr Thr Thr Cys Cys
    50   55   60

Cys Gly Gly Gly Ala Gly Gly Thr Gly Thr Gly Cys Cys Gly Gly Gly
65   70   75   80

Thr Gly Gly Gly Gly Thr Thr Cys Cys Ala Gly Gly Cys Gly Gly Thr
                85   90   95

Gly Thr Ala Cys
            100

<210>   24
<211>   100
<212>   DNA
<213>   Artificial Sequence

<400>   24
ctggatccga agacttcctg gaaaaccgcc cggcacgcca cccggaactc cacccggaac   60

accgcccgga aacccacccg gtacaccgcc tggaacccca   100

<210>   25
<211>   635
<212>   PRT
<213>   Artificial Sequence

<400>   25

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
1   5   10   15

Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
            20   25   30

Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly
        35   40   45

Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val
    50   55   60

Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro
65   70   75   80

Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly
                85   90   95

Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val
                100   105   110

Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly
         115   120   125

Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe
    130   135   140

Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
145   150   155   160

Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly
             165   170   175

Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys
         180   185   190

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly
         195   200   205

Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val
    210   215   220

Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro
225   230   235   240

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
             245   250   255

Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
         260   265   270

Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly
         275   280   285

Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val
    290   295   300

Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro
305   310   315   320

Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly
             325   330   335

Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val
         340   345   350

Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly
         355   360   365

Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe
    370   375   380

Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
385   390   395   400

Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly
             405   410   415

Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys
         420   425   430

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly

Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val
    450   455   460

Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro
465   470   475   480

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
                485   490   495

Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
            500   505   510

Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly
            515   520   525

Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val
    530   535   540

Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro
545   550   555   560

Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly
                565   570   575

Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val
                580   585   590

Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly
            595   600   605

Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe
    610   615   620

Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro
625   630   635

<210>   26
<211>   66
<212>   DNA
<213>   Artificial Sequence

<400>   26
gaggatccag gcgttggggt accgggtgtt ggcgatccgg gtaaaggtgt cccgggggttg   60

gtgtgc   66

<210>   27
<211>   66
<212>   DNA
<213>   Artificial Sequence

<400>   27
ctggatccaa cgcctgggaa tccgaaaccc ggaaagccta cacccggcac accaacgccc   60

gggaca   66

<210>   28

<211> 6
<212> PRT
<213> Artificial Sequence

<400> 28

Gly Arg Gly Asp Ser Pro
1   5

<210> 29
<211> 50
<212> PRT
<213> Artificial Sequence

<400> 29

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1   5   10   15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            20   25   30

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        35   40   45

Val Pro
    50

<210> 30
<211> 22
<212> DNA
<213> Artificial Sequence

<400> 30
ctggatccag accatgggcg tt   22

<210> 31
<211> 36
<212> DNA
<213> Artificial Sequence

<400> 31
ggcgttggtg taccgtaagc ttgaattcgg atccag   36

<210> 32
<211> 22
<212> DNA
<213> Artificial Sequence

<400> 32
gacctaggtc tggtacccgc aa   22

<210> 33
<211> 36
<212> DNA
<213> Artificial Sequence

<400> 33

<210> 34
<211> 2003
<212> PRT
<213> Artificial Sequence

<400> 34

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Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1               5                   10                  15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            20                  25                  30

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        35                  40                  45

Val Pro Gly Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly
    50                  55                  60

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
65                  70                  75                  80

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
                85                  90                  95

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
            100                 105                 110

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
        115                 120                 125

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
    130                 135                 140

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
145                 150                 155                 160

Pro Gly Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly Val
                165                 170                 175

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
            180                 185                 190

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
        195                 200                 205

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
    210                 215                 220

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
225                 230                 235                 240

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
            245                 250                 255

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
            260                 265                 270
```

```
Gly Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly Val Pro
        275                 280             285

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
        290             295             300

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
305             310             315             320

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
            325             330             335

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
        340             345             350

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
        355             360             365

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
    370             375             380

Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly Val Pro Gly
385             390             395                 400

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            405             410             415

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
            420             425             430

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    435             440             445

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
    450             455             460

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
465             470             475             480

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            485             490             495

Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly Val Pro Gly Val
            500             505             510

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        515             520             525

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    530             535             540

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
545             550             555             560

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
            565             570             575

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
        580             585             590

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
```

```
            595                     600                     605
Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly Val Pro Gly Val Gly
    610                 615                 620

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
625                 630                 635                 640

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
            645                 650                 655

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
        660                 665                 670

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
    675                 680                 685

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
    690                 695                 700

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
705                 710                 715                 720

Pro Gly Arg Gly Asp Ser Pro Gly Val Gly Val Pro Gly Val Gly Val
            725                 730                 735

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
        740                 745                 750

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
        755                 760                 765

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
    770                 775                 780

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
785                 790                 795                 800

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
            805                 810                 815

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
        820                 825                 830

Gly Arg Gly Asp Ser Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
        835                 840                 845

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
    850                 855                 860

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
865                 870                 875                 880

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
            885                 890                 895

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
        900                 905                 910

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
        915                 920                 925
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Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
    930              935              940

Arg Gly Asp Ser Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
945              950              955                      960

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            965              970                      975

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
            980              985                      990

Val Pro Gly Val Gly Val Pro Gly  Val Gly Val Pro Gly  Val Gly Val
        995              1000                 1005

Pro Gly  Val Gly Val Pro Gly  Val Gly Val Pro Gly  Val Gly Val
    1010              1015              1020

Pro Gly  Val Gly Val Pro Gly  Val Gly Val Pro Gly  Val Gly Val
    1025              1030              1035

Pro Gly  Val Gly Val Pro Gly  Val Gly Val Pro Gly  Val Gly Val
    1040              1045              1050

Pro Gly  Arg Gly Asp Ser Pro  Gly Val Gly Val Pro  Gly Val Gly
    1055              1060              1065

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
    1070              1075              1080

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
    1085              1090              1095

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
    1100              1105              1110

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
    1115              1120              1125

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
    1130              1135              1140

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
    1145              1150              1155

Val Pro  Gly Val Gly Val Pro  Gly Arg Gly Asp Ser  Pro Gly Val
    1160              1165              1170

Gly Val  Pro Gly Val Gly Val  Pro Gly Val Gly Val  Pro Gly Val
    1175              1180              1185

Gly Val  Pro Gly Val Gly Val  Pro Gly Val Gly Val  Pro Gly Val
    1190              1195              1200

Gly Val  Pro Gly Val Gly Val  Pro Gly Val Gly Val  Pro Gly Val
    1205              1210              1215

Gly Val  Pro Gly Val Gly Val  Pro Gly Val Gly Val  Pro Gly Val
    1220              1225              1230
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Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
    1235   1240   1245

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
    1250   1255   1260

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Arg
    1265   1270   1275

Gly Asp Ser Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
    1280   1285   1290

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
    1295   1300   1305

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
    1310   1315   1320

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
    1325   1330   1335

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
    1340   1345   1350

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
    1355   1360   1365

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
    1370   1375   1380

Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly Val Pro
    1385   1390   1395

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
    1400   1405   1410

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
    1415   1420   1425

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
    1430   1435   1440

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
    1445   1450   1455

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
    1460   1465   1470

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
    1475   1480   1485

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Arg Gly Asp Ser
    1490   1495   1500

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    1505   1510   1515

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    1520   1525   1530

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val

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Pro Gly  Val Gly Val Pro Gly  Val Gly Val Pro Gly  Val Gly Val
    1550                1555                1560

Pro Gly  Val Gly Val Pro Gly  Val Gly Val Pro Gly  Val Gly Val
    1565                1570                1575

Pro Gly  Val Gly Val Pro Gly  Val Gly Val Pro Gly  Val Gly Val
    1580                1585                1590

Pro Gly  Val Gly Val Pro Gly  Val Gly Val Pro Gly  Val Gly Val
    1595                1600                1605

Pro Gly  Arg Gly Asp Ser Pro  Gly Val Gly Val Pro  Gly Val Gly
    1610                1615                1620

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
    1625                1630                1635

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
    1640                1645                1650

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
    1655                1660                1665

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
    1670                1675                1680

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
    1685                1690                1695

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
    1700                1705                1710

Val Pro  Gly Val Gly Val Pro  Gly Arg Gly Asp Ser  Pro Gly Val
    1715                1720                1725

Gly Val  Pro Gly Val Gly Val  Pro Gly Val Gly Val  Pro Gly Val
    1730                1735                1740

Gly Val  Pro Gly Val Gly Val  Pro Gly Val Gly Val  Pro Gly Val
    1745                1750                1755

Gly Val  Pro Gly Val Gly Val  Pro Gly Val Gly Val  Pro Gly Val
    1760                1765                1770

Gly Val  Pro Gly Val Gly Val  Pro Gly Val Gly Val  Pro Gly Val
    1775                1780                1785

Gly Val  Pro Gly Val Gly Val  Pro Gly Val Gly Val  Pro Gly Val
    1790                1795                1800

Gly Val  Pro Gly Val Gly Val  Pro Gly Val Gly Val  Pro Gly Val
    1805                1810                1815

Gly Val  Pro Gly Val Gly Val  Pro Gly Val Gly Val  Pro Gly Arg
    1820                1825                1830

Gly Asp  Ser Pro Gly Val Gly  Val Pro Gly Val Gly  Val Pro Gly
    1835                1840                1845
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Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
   1850   1855   1860

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
   1865   1870   1875

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
   1880   1885   1890

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
   1895   1900   1905

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
   1910   1915   1920

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
   1925   1930   1935

Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly Val Pro
   1940   1945   1950

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
   1955   1960   1965

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
   1970   1975   1980

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
   1985   1990   1995

Gly Val Gly Val Pro
   2000

<210> 35
<211> 1085
<212> PRT
<213> Artificial Sequence

<400> 35

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1   5   10   15

Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
       20   25   30

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly
      35   40   45

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
   50   55   60

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro
65   70   75   80

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
       85   90   95

Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val
      100   105   110

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        115   120   125

Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val
    130   135   140

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
145   150   155   160

Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly
                165   170   175

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            180   185   190

Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        195   200   205

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    210   215   220

Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
225   230   235   240

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                245   250   255

Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            260   265   270

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly
        275   280   285

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    290   295   300

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro
305   310   315   320

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                325   330   335

Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val
            340   345   350

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        355   360   365

Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val
    370   375   380

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
385   390   395   400

Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly
                405   410   415

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            420   425   430

Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        435   440   445

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    450   455   460

Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
465   470   475   480

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                485   490   495

Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
        500   505   510

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly
        515   520   525

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    530   535   540

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro
545   550   555   560

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                565   570   575

Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val
            580   585   590

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        595   600   605

Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val
    610   615   620

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
625   630   635   640

Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly
                645   650   655

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            660   665   670

Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        675   680   685

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    690   695   700

Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
705   710   715   720

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                725   730   735

Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            740   745   750

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly

```
              755                     760                     765
Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    770                 775                 780

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro
785                 790                 795                 800

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                805                 810                 815

Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val
            820                 825                 830

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        835                 840                 845

Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val
    850                 855                 860

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
865                 870       .         875                 880

Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly
                885                 890                 895

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            900                 905                 910

Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        915                 920                 925

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    930                 935                 940

Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
945                 950                 955                 960

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                965                 970                 975

Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            980                 985                 990

Gly Val Pro Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Lys Gly
        995                 1000                1005

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
    1010                1015                1020

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Lys Gly
    1025                1030                1035

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
    1040                1045                1050

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Lys Gly
    1055                1060                1065

Val Pro  Gly Val Gly Val Pro  Gly Val Gly Val Pro  Gly Val Gly
    1070                1075                1080
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Val Pro
     1085

<210>   36
<211>   635
<212>   PRT
<213>   Artificial Sequence

<400>   36

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
1   5   10   15

Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
            20   25   30

Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly
        35   40   45

Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val
    50   55   60

Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro
65   70   75   80

Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly
                85   90   95

Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val
            100   105   110

Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly
            115   120   125

Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe
    130   135   140

Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
145   150   155   160

Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly
            165   170   175

Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys
            180   185   190

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly
        195   200   205

Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val
    210   215   220

Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro
225   230   235   240

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
                245   250   255

Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
            260   265   270

Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly
        275   280   285

Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val
        290   295   300

Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro
305   310   315   320

Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly
                325   330   335

Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val
            340   345   350

Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly
        355   360   365

Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe
    370   375   380

Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
385   390   395   400

Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly
            405   410   415

Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys
        420   425   430

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly
        435   440   445

Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val
    450   455   460

Pro Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro
465   470   475   480

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
            485   490   495

Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
            500   505   510

Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly
        515   520   525

Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val
    530   535   540

Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro
545   550   555   560

Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly
                565   570   575

Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val
            580   585   590

Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly
       595   600   605

Val Pro Gly Lys Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Phe
       610   615   620

Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro
625   630   635

<210> 37
<211> 782
<212> PRT
<213> Artificial Sequence

<400> 37

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1   5   10   15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
           20   25   30

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
           35   40   45

Val Pro Gly Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly
       50   55   60

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
65   70   75   80

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
               85   90   95

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
           100   105   110

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
           115   120   125

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
       130   135   140

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
145   150   155   160

Pro Gly Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly Val
               165   170   175

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
           180   185   190

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
       195   200   205

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
       210   215   220

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
225   230   235   240

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
                    245   250   255

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
                    260   265   270

Gly Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly Val Pro
        275   280   285

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
    290   295   300

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
305   310   315   320

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
                325   330   335

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
            340   345   350

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
        355   360   365

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
    370   375   380

Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly Val Pro Gly
385   390   395   400

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
                405   410   415

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
            420   425   430

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
        435   440   445

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
    450   455   460

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
465   470   475   480

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
                485   490   495

Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly Val Pro Gly Val
            500   505   510

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        515   520   525

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    530   535   540

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
545   550   555   560

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
              580   585   590

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
          595   600   605

Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly Val Pro Gly Val Gly
    610   615   620

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
625   630   635   640

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
          645   650   655

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
          660   665   670

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
          675   680   685

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
    690   695   700

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
705   710   715   720

Pro Gly Arg Gly Asp Ser Pro Gly Val Gly Val Pro Gly Val Gly Val
              725   730   735

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
          740   745   750

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
    755   760   765

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
    770   775   780

<210> 38
<211> 745
<212> PRT
<213> Artificial Sequence

<400> 38

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1   5   10   15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            20   25   30

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        35   40   45

Val Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val
    50   55   60

Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro

Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val
              85   90   95

Ala Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
              100   105   110

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
              115   120   125

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
              130   135   140

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
145   150   155   160

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
              165   170   175

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
              180   185   190

Pro Gly Val Gly Val Pro Gly Val Gly Val Ala Pro Gly Val Gly Val
              195   200   205

Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val
              210   215   220

Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro
225   230   235   240

Gly Val Gly Val Ala Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
              245   250   255

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
              260   265   270

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
              275   280   285

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
              290   295   300

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
305   310   315   320

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
              325   330   335

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Ala Pro
              340   345   350

Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val
              355   360   365

Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val
              370   375   380

Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Pro Gly
385   390   395   400

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
                405   410   415

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
            420   425   430

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
        435   440   445

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
    450   455   460

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
465   470   475   480

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            485   490   495

Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro
        500   505   510

Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val
        515   520   525

Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val
    530   535   540

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
545   550   555   560

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
            565   570   575

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
            580   585   590

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
        595   600   605

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
    610   615   620

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
625   630   635   640

Val Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val
            645   650   655

Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro
            660   665   670

Gly Val Gly Val Ala Pro Gly Val Gly Val Ala Pro Gly Val Gly Val
        675   680   685

Ala Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    690   695   700

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
705   710   715   720

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                725   730   735

Val Gly Val Pro Gly Val Gly Val Pro
                740   745

<210> 39
<211> 1085
<212> PRT
<213> Artificial Sequence

<400> 39

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1   5   10   15

Glu Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
                20   25   30

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly
        35   40   45

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    50   55   60

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro
65   70   75   80

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                85   90   95

Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly Val
            100   105   110

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        115   120   125

Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly Val Gly Val
    130   135   140

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
145   150   155   160

Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly Val Gly Val Pro Gly
                165   170   175

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            180   185   190

Gly Val Pro Gly Glu Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        195   200   205

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    210   215   220

Pro Gly Glu Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
225   230   235   240

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                245   250   255

```
Glu Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
              260                 265                 270

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly
              275                 280                 285

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    290                 295                 300

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro
305                 310                 315                 320

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
              325                 330                 335

Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly Val
              340                 345                 350

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
              355                 360                 365

Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly Val Gly Val
    370                 375                 380

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
385                 390                 395                 400

Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly Val Gly Val Pro Gly
              405                 410                 415

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
              420                 425                 430

Gly Val Pro Gly Glu Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
              435                 440                 445

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    450                 455                 460

Pro Gly Glu Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
465                 470                 475                 480

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
              485                 490                 495

Glu Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
              500                 505                 510

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly
              515                 520                 525

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    530                 535                 540

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro
545                 550                 555                 560

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
              565                 570                 575

Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly Val
```

```
                 580                      585                      590
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
         595                      600                      605
Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly Val Gly Val
    610                      615                      620
Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
625                      630                      635                      640
Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly Val Gly Val Pro Gly
                 645                      650                      655
Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
             660                      665                      670
Gly Val Pro Gly Glu Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
         675                      680                      685
Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    690                      695                      700
Pro Gly Glu Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
705                      710                      715                      720
Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
             725                      730                      735
Glu Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
         740                      745                      750
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly
         755                      760                      765
Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    770                      775                      780
Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro
785                      790                      795                      800
Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
             805                      810                      815
Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly Val
             820                      825                      830
Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
         835                      840                      845
Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly Val Gly Val
    850                      855                      860
Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
865                      870                      875                      880
Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly Val Gly Val Pro Gly
                 885                      890                      895
Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
             900                      905                      910
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Gly Val Pro Gly Glu Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        915   920   925

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    930   935   940

Pro Gly Glu Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
945   950   955   960

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                965   970   975

Glu Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            980   985   990

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly
        995   1000   1005

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
    1010   1015   1020

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly
    1025   1030   1035

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
    1040   1045   1050

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly
    1055   1060   1065

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
    1070   1075   1080

Val Pro
    1085

<210>   40
<211>   605
<212>   PRT
<213>   Artificial Sequence

<400>   40

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1   5   10   15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            20   25   30

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        35   40   45

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    50   55   60

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
65   70   75   80

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                85   90   95

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            100   105   110

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
            115   120   125

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    130   135   140

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
145   150   155   160

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                165   170   175

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            180   185   190

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
            195   200   205

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    210   215   220

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
225   230   235   240

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                245   250   255

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            260   265   270

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
            275   280   285

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    290   295   300

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
305   310   315   320

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                325   330   335

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            340   345   350

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
            355   360   365

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    370   375   380

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
385   390   395   400

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
                405   410   415

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
       420   425   430

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
     435   440   445

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
   450   455   460

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
465   470   475   480

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
       485   490   495

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
       500   505   510

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
     515   520   525

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
   530   535   540

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
545   550   555   560

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
       565   570   575

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
       580   585   590

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
     595   600   605

<210> 41
<211> 4
<212> PRT
<213> Artificial Sequence

<400> 41

Gly Gly Val Pro
1

<210> 42
<211> 4
<212> PRT
<213> Artificial Sequence

<400> 42

Gly Gly Phe Pro
1

<210> 43
<211> 5
<212> PRT
<213> Artificial Sequence

<400> 43

Gly Lys Gly Val Pro
1   5

<210>   44
<211>   5
<212>   PRT
<213>   Artificial Sequence

<400>   44

Gly Val Gly Phe Pro
1   5

<210>   45
<211>   5
<212>   PRT
<213>   Artificial Sequence

<400>   45

Gly Phe Gly Phe Pro
1   5

<210>   46
<211>   6
<212>   PRT
<213>   Artificial Sequence

<400>   46

Gly Arg Gly Asp Ser Pro
1   5

<210>   47
<211>   6
<212>   PRT
<213>   Artificial Sequence

<400>   47

Gly Val Gly Val Ala Pro
1   5

<210>   48
<211>   5
<212>   PRT
<213>   Artificial Sequence

<400>   48

Gly Glu Gly Val Pro
1   5

<210>   49
<211>   5
<212>   PRT
<213>   Artificial Sequence

<400>   49

Gly Phe Gly Val Pro
1   5

<210>   50
<211>   4
<212>   PRT
<213>   Artificial Sequence

<400>   50

Gly Gly Ala Pro
1

<210>   51
<211>   5
<212>   PRT
<213>   Artificial Sequence

<400>   51

Gly Val Gly Ile Pro
1   5

<210>   52
<211>   6
<212>   PRT
<213>   Artificial Sequence

<400>   52

Val Gly Val Ala Pro Gly
1   5

<210>   53
<211>   106
<212>   PRT
<213>   Artificial Sequence

<400>   53

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1   5   10   15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
            20   25   30

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
        35   40   45

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
    50   55   60

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
65   70   75   80

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
            85   90   95

Val Gly Val Pro Gly Arg Gly Asp Ser Pro
            100   105

<210> 54
<211> 25
<212> PRT
<213> Artificial Sequence

<400> 54

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
1   5   10   15

Val Gly Phe Pro Gly Phe Gly Phe Pro
            20   25

<210> 55
<211> 1300
<212> PRT
<213> Artificial Sequence

<400> 55

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
1   5   10   15

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
            20   25   30

Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
        35   40   45

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile
    50   55   60

Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro
65   70   75   80

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
            85   90   95

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
            100   105   110

Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
        115   120   125

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile
    130   135   140

Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro
145   150   155   160

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
            165   170   175

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
            180   185   190

Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
        195   200   205

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile

```
        210                     215                     220

Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro
225                 230                 235                 240

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
                245                 250                 255

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
            260                 265                 270

Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
        275                 280                 285

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile
    290                 295                 300

Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro
305                 310                 315                 320

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
                325                 330                 335

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
            340                 345                 350

Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
        355                 360                 365

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile
    370                 375                 380

Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro
385                 390                 395                 400

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
                405                 410                 415

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
            420                 425                 430

Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
        435                 440                 445

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile
    450                 455                 460

Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro
465                 470                 475                 480

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
                485                 490                 495

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
            500                 505                 510

Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
        515                 520                 525

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile
    530                 535                 540
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Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro
545             550             555             560

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
                565             570             575

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
            580             585             590

Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
        595             600             605

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile
    610             615             620

Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro
625             630             635             640

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
                645             650             655

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
            660             665             670

Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
        675             680             685

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile
    690             695             700 .

Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro
705             710             715             720

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
                725             730             735

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
            740             745             750

Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
        755             760             765

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile
    770             775             780

Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro
785             790             795             800

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
                805             810             815

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
            820             825             830

Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
        835             840             845

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile
    850             855             860
```

Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro
865   870   875   880

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
                885   890   895

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
            900   905   910

Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
        915   920   925

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile
    930   935   940

Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro
945   950   955   960

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
            965   970   975

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
        980   985   990

Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    995   1000   1005

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1010   1015   1020

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1025   1030   1035

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1040   1045   1050

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1055   1060   1065

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1070   1075   1080

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1085   1090   1095

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1100   1105   1110

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1115   1120   1125

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1130   1135   1140

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1145   1150   1155

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1160   1165   1170

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1190   1195   1200

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1205   1210   1215

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1220   1225   1230

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1235   1240   1245

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1250   1255   1260

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1265   1270   1275

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
    1280   1285   1290

Ile Pro Gly Val Gly Ile Pro
    1295   1300

<210> 56
<211> 50
<212> PRT
<213> Artificial Sequence

<400> 56

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
1   5   10   15

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
        20   25   30

Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
        35   40   45

Ile Pro
    50

<210> 57
<211> 111
<212> PRT
<213> Artificial Sequence

<400> 57

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
1   5   10   15

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
        20   25   30

Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
        35   40   45

Ile Pro Gly Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly
    50   55   60

Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile
65   70   75   80

Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro
                85   90   95

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro
            100   105   110

<210>   58
<211>   111
<212>   PRT
<213>   Artificial Sequence

<400>   58

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
1   5   10   15

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
                20   25   30

Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
            35   40   45

Ile Pro Gly Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly
    50   55   60

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
65   70   75   80

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
                85   90   95

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
            100   105   110

<210>   59
<211>   45
<212>   PRT
<213>   Artificial Sequence

<400>   59

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Phe Gly Val Pro Gly
1   5   10   15

Val Gly Val Pro Gly Val Gly Val Pro Gly Phe Gly Val Pro Gly Val
                20   25   30

Gly Val Pro Gly Val Gly Val Pro Gly Phe Gly Val Pro
            35   40   45

<210>   60
<211>   111
<212>   PRT
<213>   Artificial Sequence

<400> 60

Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly
1   5   10   15

Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val
            20   25   30

Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly Ile Pro Gly Val Gly
        35   40   45

Ile Pro Gly Val Gly Val Pro Gly Arg Gly Asp Ser Pro Gly Val Gly
    50   55   60

Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Phe
65   70   75   80

Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
            85   90   95

Gly Lys Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro
            100   105   110

<210>   61
<211>   25
<212>   PRT
<213>   Artificial Sequence

<400>   61

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1   5   10   15

Val Gly Val Pro Gly Lys Gly Val Pro
            20   25

<210>   62
<211>   50
<212>   PRT
<213>   Artificial Sequence

<400>   62

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
1   5   10   15

Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val Gly Val Pro Gly Val
            20   25   30

Gly Val Pro Gly Lys Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly
        35   40   45

Phe Pro
    50

<210>   63
<211>   30
<212>   DNA
<213>   Artificial Sequence

<400>   63

ttcggattcc cgggcgtagg cgtaccgggt

<210>   64
<211>   30
<212>   DNA
<213>   Artificial Sequence

<400>   64
aagcctaagg gcccgcatcc gcatggccca

<210>   65
<211>   10
<212>   PRT
<213>   Artificial Sequence

<400>   65

Phe Gly Phe Pro Gly Val Gly Val Pro Gly
1   5   10